

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application. No. : U.S. Filing of International Application PCT/DE2003/002619  
Applicant(s) : Lutz  
Confirm. No. : Unassigned  
Filed : Herewith  
Title : LASER-ASSISTED REPLICATION METHOD  
TC/A.U. : N/A  
Examiner : N/A  
Docket No. : 1093-123PCT/US  
Dated : February 9, 2005

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

*I hereby certify this correspondence is being deposited with the  
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Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450 on February 9, 2005.*

Signature: *Guise Lutz*

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R.  
§1.56, Applicant submits herewith the following Information Disclosure Statement in  
accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

**FOREIGN PATENT DOCUMENTS**

<b><u>COUNTRY</u></b>	<b><u>PUBLICATION NO.</u></b>	<b><u>PUBLICATION DATE</u></b>
Europe	EP 0 419 773 B1	April 3, 1991
Germany	DT 25 55 214 A1	June 2, 1977
Switzerland	CH 594 495	January 13, 1978
Europe	EP 0 169 326 A1	January 29, 1986

Germany DE 198 01 346 C1\*  
 Europe EP 0 896 259 A2\*

February 18, 1999  
 February 10, 1999

**UNITED STATES PATENTS**

<b><u>PATENTEE(S)</u></b>	<b><u>PATENT NO.</u></b>	<b><u>ISSUE DATE</u></b>
Nyfeler, et al.	4,223,050	September 16, 1980
Nyfeler, et al.	5,109,767	May 5, 1992
Humal	5,858,298*	January 12, 1999

A copy of each of the references set forth above has been enclosed herewith for the convenience of the Examiner and a separate listing of the same has been set forth on the attached Form PTO-1449. A copy of a corresponding U.S. patent publication or an English translation of a corresponding foreign patent publication has been provided, if available, for each non-English patent document to facilitate reference thereto. Three references also listed on the International Search Report are indicated by an asterisk.

An English abstract of all other non-English documents is provided herewith, if available, as well as a concise explanation of the non-English documents in compliance with 37 C.F.R. §1.98(a)(3).

**CONCISE EXPLANATION OF  
NON-ENGLISH PATENT DOCUMENTS**


German patent document DE 198 01 346 C1, which is listed in the International Search Report, relates to an apparatus for providing an embossed shape to a fusible material. The apparatus includes at least one embossing tool, which uses a laser beam to melt or emboss in a melting/embossing zone. A glass fiber optic guides the laser beam from the laser source to the melting/embossing zone.

European patent document EP0 896 259 A2, which is also listed in the International Search Report, relates to a method for forming a holographic structure on the surface of a substrate, which is coated with a material that hardens on irradiation. Such materials include a monomer that can be set by ultraviolet radiation. An embossed pattern is formed in the coating and the coating layer is set by illuminating (preferably modulating) light. An apparatus with a cylinder is provided over which the substrate passes. The cylinder carries the radiation-hardening coating, preferably a light-setting monomer.

Applicant respectfully submits that the requirements of candor and good faith set forth in 37 C.F.R. §1.56 have been fulfilled, having submitted all known references in compliance with 37 C.F.R. § 1.97 and § 1.98. Applicant believes that no fee is due at this time. If it is determined that a fee is due, please charge our Deposit Account No. 08-2461.

In view of the present submission, it is believed that the above-referenced application is, in all respects, complete and in condition for examination and favorable consideration. If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicant's attorney at the telephone number set forth below.

Respectfully submitted,

  
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
1093-123 PCT/US

SERIAL NO.  
Unassigned

10/524223

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANT  
Lutz

CONFIRMATION NO.  
Unassigned

(Use several sheets if necessary)

FILING DATE  
Herewith

GROUP  
Unassigned

## U.S. PATENT PUBLICATIONS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	4,223,050	9/16/80	Nyfeler, et al.			
	5,109,767	5/5/92	Nyfeler, et al.			
	5,858,298	1/12/99	Humal			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	EP 0 419 773 B1	4/3/91	Europe				
	DT 25 55 214 A1	6/2/77	Germany				
	CH 594 495	1/13/78	Switzerland				
	EP 0 169 326 A1	1/29/86	Europe				
	DE 198 01 346 C1	2/18/99	Germany				
	EP 0 896 259 A2	2/10/99	Europe				

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.